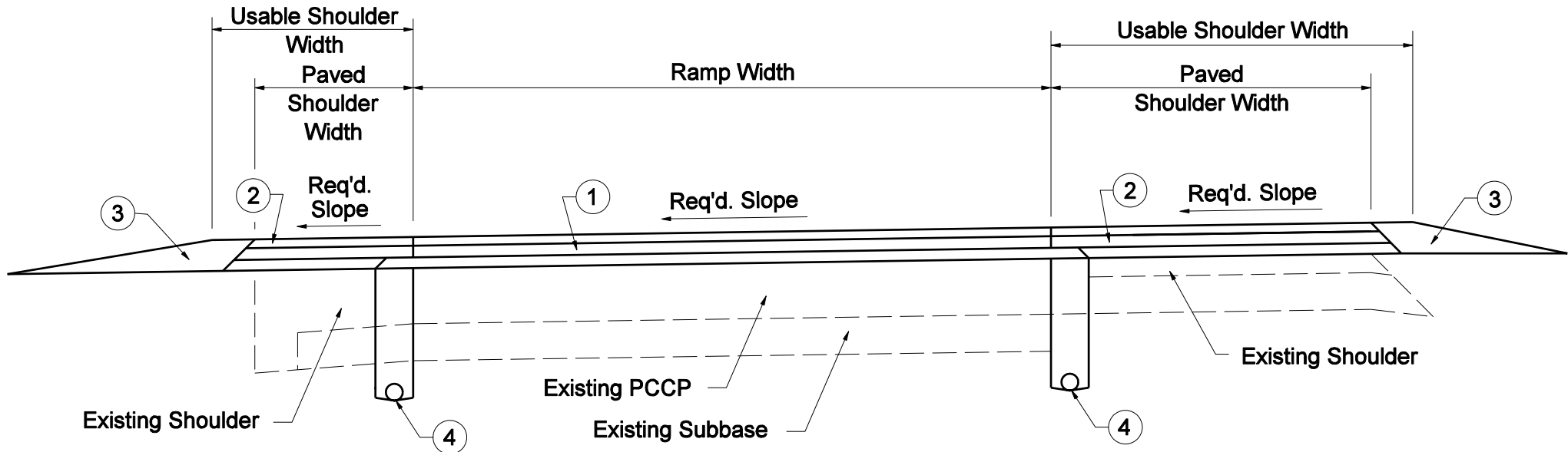


**Note:**

Open graded mixture OG19.0 mm should be QC/QA-HMA, 5, 76. For all other mixtures, see Section 52-9.02 to determine the appropriate HMA mixture designation.



**Ramp**

- ① 165 lb/yd HMA Surface 9.5 mm on  
220 lb/yd<sup>2</sup> HMA Intermediate 12.5 mm on  
220 lb/yd<sup>2</sup> QC/QA-HMA, 5, 76, Intermediate OG19.0 mm in.

**Shoulder**

- ② 165 lb/yd<sup>2</sup> HMA Surface 9.5 mm on  
440 lb/yd<sup>2</sup> HMA Base 25.0 mm
- ③ Variable-Depth Compacted Aggregate, No. 53
- ④ Pipe, Type 4, Circular, 4 in. (See Figure 52-13K for Retrofit Underdrain Detail)

**RAMP WITH OVERLAY**

Figure 52-13U